



2132

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

PAUL C. KOCHER et al.

Application No.: 10/005,105

Filed: December 3, 2001

For: DIFFERENTIAL POWER ANALYSIS  
METHOD AND APPARATUS

Confirmation No.: 1675

Group Art Unit: 2132

Examiner: Justin T. Darrow

Attorney Docket No 44424162-8721

**SUPPLEMENTAL  
INFORMATION DISCLOSURE  
STATEMENT**

SONNENSCHN NATH & ROSENTHAL LLP  
Customer No. 26263

M/S AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Arlington, VA 22313-1450

**CERTIFICATE OF MAILING**

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July 28 2005.

SONNENSCHN NATH & ROSENTHAL LLP

Dated: 7/28/05

By: Jeffrey Brill

Jeffrey Brill

Sir:

Applicant(s) submit(s) herewith patents, publications or other information [attached hereto and listed on the attached Form PTO-1449 (modified)] of which they are aware, which they believe(s) may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

This Information Disclosure Statement:

- (a) ☐ accompanies the new patent application submitted herewith. 37 CFR § 1.97(a).
- (b) ☐ is filed within three months after the filing date of the application or within three months after the date of entry of the national stage of a PCT application as set forth in 37 CFR § 1.491.
- (c) ☒ as far as is known to the undersigned, is filed before the mailing date of a first Office Action on the merits, or before a first office action after filing a Request for Continued Examination under § 1.114.

- (d) ☐ is filed after the first office action and more than three months after the application's filing date or PCT national stage date of entry filing but, as far as is known to the undersigned, prior to the mailing date of either a final rejection or a notice of allowance, whichever occurs first, and is accompanied by either the fee (\$180) set forth in 37 CFR § 1.17(p) or a certification as specified in 37 CFR § 1.97(e), as checked below.
- (e) ☐ is filed after the mailing date of either a final rejection or a notice of allowance, whichever occurred first, and the Issue Fee has not been paid, and is accompanied by the fee (\$130) set forth in 37 CFR § 1.17(i)(1) and a certification as specified in 37 CFR § 1.97(e), as checked below. This document is to be considered as a petition requesting consideration of the information disclosure statement.

A list of the patent(s) or publication(s) is set forth on the attached Form PTO-1449 (Modified). A copy of the items on PTO-1449 (Modified) is supplied herewith, except for issued United States Patents and Published United States Patent Applications.

A concise explanation of relevance of the items listed on form PTO-1449 (Modified) is:

- (h) ☒ not given
- (i) ☐ given for each listed item
- (j) ☐ given for only non-English language listed item(s) [Required]
- (k) ☐ is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references [copy attached].

The Examiner is reminded that a "concise explanation of the relevance" of the submitted items "may be nothing more than identification of the particular figure or paragraph of the patent or publication which has some relation to the claimed invention," MPEP § 609.

While the information and references disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR § 1.56(a) exists. It is submitted that the Information Disclosure Statement

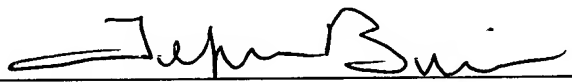
complies with 37 CFR § 1.98 and MPEP § 609 and the Examiner is respectfully requested to consider the listed references.

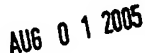
The Commissioner is hereby authorized to charge our Deposit Account No. 19-3140, for any fees required in connection with the filing of this Information Disclosure Statement. **A duplicate copy of this Notice is enclosed for this purpose.** In particular, in the event that an Office Action has crossed in the mail with this Information Disclosure Statement, the Commissioner is authorized to charge the above-named deposit account for any fees required pursuant to CFR §§ 1.17(p) or 1.17(i)(1).

Respectfully submitted,

SONNENSCHN NATH & ROSENTHAL LLP

Dated: 7/28/05

By:   
Jeffrey Brill  
Reg. No. 51,198  
Attorneys for Applicant(s)



Approved for use through 07/31/2006. OMB 0651-0031

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Sheet	1	of	3
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**Complete if Known**

Application Number	10/005,105
Filing Date	December 3, 2001
First Named Inventor	Paul C. Kocher
Group Art Unit	2132
Examiner Name	Justin T. Darrow
Attorney Docket No.r	44424162-8721

**U.S. PATENT DOCUMENTS**

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
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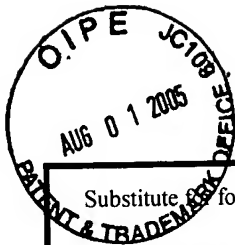
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		Examiner Name	Justin T. Darrow
Sheet 2 of 3	Attorney Docket No.	44424162-8721	

OTHER ITEMS – NON PATENT LITERATURE DOCUMENTS			
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		BACK, Adam, "Non-Interactive Forward Secrecy" 09/06/1996	
		BELL, Jim, "Spread-Spectrum Computer Clock?" Google Beta Groups	
		BELLARE et al., "Optimal Asymmetric Encryption", Advanced Networking Laboratories, 1998, pp 92-111, Springer-Verlag, U.S.A.	
		BELLARE et al, "The Exact Security of Digital Signatures- How to Sign with RSA and Rabin", Advances in Cryptology - Eurocrypt 96 Proceedings, Lecture Notes in Computer Science, Vol. 1070, , pp 1-16, U. Maurer ed., Springer-Verlag, 1996	
		BELLARE et al, "Forward Integrity For Secure Audit Logs", pp 1-16, November 23, 1997, U.S.A.	
		FRANKEL et al., "Optimal-Resilience Proactive Public-Key Cryptosystems" IEEE Symposium on Foundations of Computer Science, 1997	
		FRANKEL et al., "Proactive RSA", Lecture Notes in Computer Science, 1996	
		HERZBERG et al, "Proactive Public Key and Signature Systems", ACM Conference on Computer and Communications Security, 1996	
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Sheet	3	of	3	Attorney Docket No.	44424162-8721
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Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
		MENZES et al, "Pseudorandom Bits and Sequences", Handbook of Applied Cryptography, CRC Press, Chapter 5, pp 169-190, 1996			
		MENZES et al, "Efficient Implementation", Handbook of Applied Cryptography, CRC Press, Chapter 14, pp 591-634, 1996			
		RIVEST, Ronald, "Timing Cryptanalysis of RSA, DH, DDS" Google Beta Groups			
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